

TRANSMISSION WITH SELECTABLE
BRAKING ONE-WAY CLUTCH

ABSTRACT OF THE DISCLOSURE

A multi-speed transmission is provided with a selectable (reversible) braking one-way clutch operative to brake rotation of a member of a planetary gear set of the transmission when the transmission is in reverse and first speed. First and second rotating input clutches are slipped when the vehicle is launched in reverse or first speed. The transmission is preferably characterized by the absence of a torque converter, but the invention may be implemented with a torque converter if desired.